

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An apparatus comprising:

a medical device and a marker wire coupled to said medical device, the medical device having a length and a longitudinal axis, the marker wire comprising four contiguous portions defining the perimeter of a closed area, wherein two portions extend extending such that a first portion of the marker wire extends in a circumferential direction about the longitudinal axis of the medical device but not entirely about the circumference of the medical device, and two portions linearly extend a second portion of the marker wire extends in a direction parallel to the longitudinal axis of the medical device, at least a portion of the marker wire defining the perimeter of a closed area, the closed area having a length that is less than the length of the medical device, wherein the rotational orientation of the marker wire may be determined using an imaging device when the medical device is positioned within a bodily lumen;

a first directional indicator coupled to said medical device and intersecting said marker wire, the first directional indicator comprising a first portion of a symbol;

a second directional indicator coupled to said medical device and intersecting said marker wire, said second directional indicator offset from said first directional indicator, the second directional indicator comprising a second portion of the symbol;

wherein images of said first and second directional indicators physically connect to form the symbol when viewed from a proper rotational orientation about the longitudinal axis when viewed orthogonally to the longitudinal axis using an imaging device.

2-3. Canceled

4. (Currently Amended) The apparatus of claim 31, wherein the marker wire is continuous.
5. (Currently Amended) The apparatus of claim 31, wherein the marker wire comprises a closed circuit.
6. (Original) The apparatus of claim 1, wherein the medical device comprises a catheter.
7. (Original) The apparatus of claim 1, wherein the medical device comprises a catheter sheath.
8. (Original) The apparatus of claim 1, wherein the medical device comprises a device that may be implanted within a bodily lumen.
9. (Previously presented) The apparatus of claim 1, wherein the medical device comprises a stent.
10. (Original) The apparatus of claim 9, wherein the stent is self expanding.
11. (Previously presented) The apparatus of claim 9, wherein the stent further comprises a graft that covers a portion of the stent, wherein the graft is aligned with the closed area defined by the marker wire.
12. (Original) The apparatus of claim 1, wherein the medical device comprises an expansion balloon.
13. (Original) The apparatus of claim 1, wherein the marker wire comprises an MRI marker.
14. (Previously presented) The apparatus of claim 11, wherein the graft defines an arc length, and the first portion of the marker wire defines a similar arc length.
15. (Currently amended) An apparatus comprising:
a medical device and a marker wire coupled to said medical device, the medical device having a longitudinal axis, the marker wire comprising four contiguous portions defining the perimeter of a closed area, wherein two portions extend extending such that a first portion of the

marker wire extends in a circumferential direction about the longitudinal axis of the medical device but not entirely about the circumference of the medical device, and two portions linearly extend a second portion of the marker wire extends in a direction parallel to the longitudinal axis of the medical device, wherein the rotational orientation of the marker wire may be determined using an imaging device when the medical device is positioned within a bodily lumen;

 a first directional indicator coupled to said medical device and oriented in a direction non-parallel to the longitudinal axis, the first directional indicator intersecting said marker wire and comprising a first portion of a symbol;

 a second directional indicator coupled to said medical device offset from said first directional indicator and oriented in a direction non-parallel to the longitudinal axis, the second directional indicator intersecting said marker wire and comprising a second portion of the symbol;

 wherein images of said first and second directional indicators physically connect to form the symbol when viewed from a proper rotational orientation about the longitudinal axis when viewed orthogonally to the longitudinal axis using an imaging device .

16. Canceled

17. (Previously Presented) The apparatus of claim 15, wherein the symbol is an arrow.

18. (Previously Presented) The apparatus of claim 15, wherein the symbol is viewable over a rotational range of 30° or less.

19. (Previously presented) The apparatus of claim 15, wherein the second directional indicator is offset from the first directional indicator in a circumferential direction.

20. Canceled

21. (Previously Presented) The apparatus of claim 19, wherein the symbol is an arrow.

22. (Previously Presented) The apparatus of claim 19, further comprising a partial graft, wherein the symbol indicates the orientation of the partial graft.

23. (Previously Presented) The apparatus of claim 19, wherein the symbol is viewable over a rotational range of 5° or less.

24. (Original) The apparatus of claim 1, further comprising a lumen and a port.

25. (Original) The apparatus of claim 24, wherein the lumen is arranged to carry away bodily material.

26. (Original) The apparatus of claim 24, wherein said marker wire extends about a rim of the port.

27. (Original) The apparatus of claim 1, further comprising a rotational ablation device.

28-35. (Canceled)

36. (Currently amended) An apparatus comprising:

a medical device having a length and a longitudinal axis;

a marker wire coupled to said medical device;

the marker wire having a first portion linearly extending parallel to the longitudinal axis of the medical device and a second portion and a second portion contiguous to said first portion and extending circumferentially about the longitudinal axis of the medical device but not entirely about the circumference of the medical device, said marker wire having a first end on said first portion and a second end on said second portion, the first end and the second end being offset from one another along the length of the device, the first end and the second end being offset from one another in a circumferential direction about the longitudinal axis of the device, wherein the rotational orientation of the marker wire may be determined using an imaging device when the medical device is positioned within a bodily lumen and;

a first directional indicator coupled to said medical device, the first directional indicator intersecting said marker wire and comprising a first portion of a symbol;

a second directional indicator coupled to said medical device offset from said first directional indicator, the second directional indicator intersecting said marker wire and comprising a second portion of the symbol;

wherein images of said first and second directional indicators connect to form the symbol when viewed from a proper rotational orientation about the longitudinal axis when viewed orthogonally to the longitudinal axis using an imaging device.

37. (Currently amended) A method of positioning an implantable medical device within a bodily lumen comprising:

a) providing a medical device having a longitudinal axis and having a rotational marker coupled to the medical device, the rotational marker comprising:

a wire-loop marker wire comprising four contiguous portions defining the perimeter of a closed area, wherein two portions extend in a circumferential direction about the longitudinal axis of the medical device but not entirely about the circumference of the medical device, and two portions linearly extend in a direction parallel to the longitudinal axis of the medical device the closed area having a length that is less than the length of the medical device, wherein the rotational orientation of the marker wire may be determined using an imaging device when the medical device is positioned within a bodily lumen, and

a first directional indicator coupled to said medical device, the first directional indicator intersecting said marker wire and comprising a first portion of a symbol;

a second directional indicator coupled to said medical device offset from said first directional indicator, the second directional indicator intersecting said marker wire and comprising a second portion of the symbol, wherein images of said first and second directional indicators physically connect to form the symbol when viewed from a proper rotational orientation using an imaging device;

b) inserting the medical device into a bodily lumen and maneuvering the device to a worksite;

c) viewing the worksite and the device through an imaging device, the rotational marker and the first and second directional indicators being visible upon the imaging device, wherein the rotational orientation of the marker wire loop may be determined using the imaging device;

d) positioning the medical device to a proper rotational orientation using the rotational marker and the first and second directional indicators as viewed orthogonally to the longitudinal axis upon the imaging system.